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In Re Application Of: George Ord et al.
5 1
Application No. Filing Date Examiner Customer No. Group Art Unit Confirmation No. 10/805,074 March 19, 2004 Unknown 23,469 3744 7913
Title: TEMPERATURE COMPENSATION VALVE
COMMISSIONER FOR PATENTS:
Transmitted herewith is: Status Inquiry (1 page) Postcard for Acknowledgment (1)
in the above identified application. No additional fee is required. A check in the amount of is attached. The Director is hereby authorized to charge and credit Deposit Account No. 10-0223 as described below. Charge the amount of Credit any overpayment. Charge any additional fee required. Payment by credit card. Form PTO-2038 is attached. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. Kathuru Mariana Dated: /0 - 26 - 05

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Tel: (585) 899-2930 Fax: (585) 899-2931 I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

Oct 26 2005 Cathornie E. Madelle

Signature of Person Mailing Correspondence

Catherine E. Maletta

Typed or Printed Name of Person Mailing Correspondence



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant(s): George Ord et al.

Examiner: Harry B. Tanner

Serial No.:

10/805,074

Confirmation No. 7913

Filed:

March 19, 2004

Art Unit: 3744

For:

TEMPERATURE COMPENSATION

VALVE

STATUS INQUIRY

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

The above-referenced patent application was filed on March 19, 2004, and a Response to Notice to File Missing Parts was filed on September 2, 2004. Un Updated Filing Receipt was received on October 4, 2004. Applicant respectfully requests a status report giving an estimated time in which Applicant can expect to receive an action notice.

Respectfully submitted,

Dated: 10-26-05

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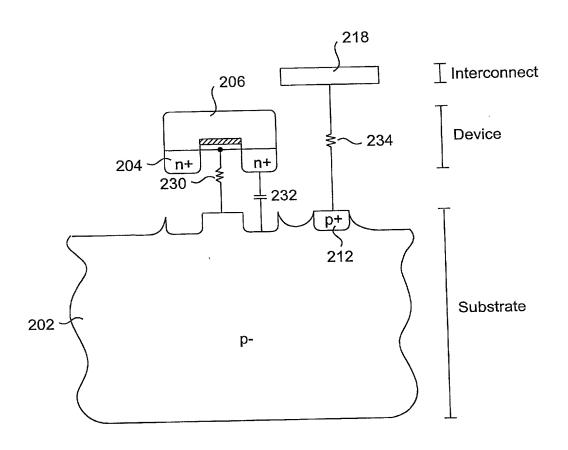


FIG. 2B

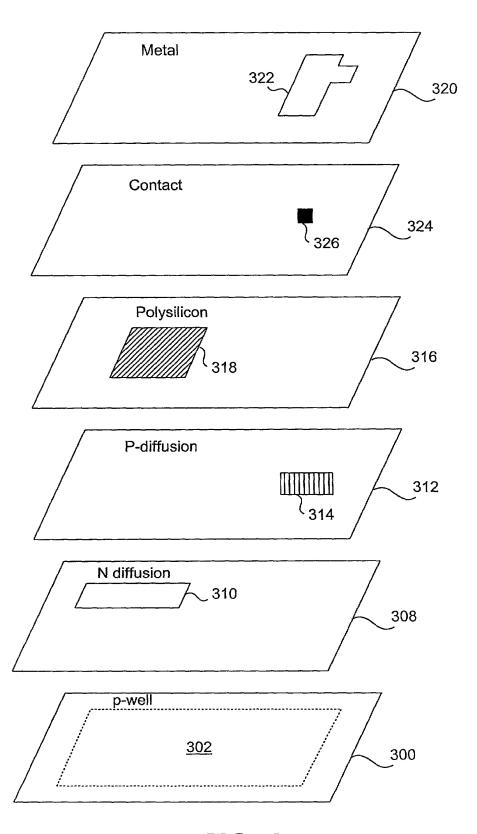


FIG. 3

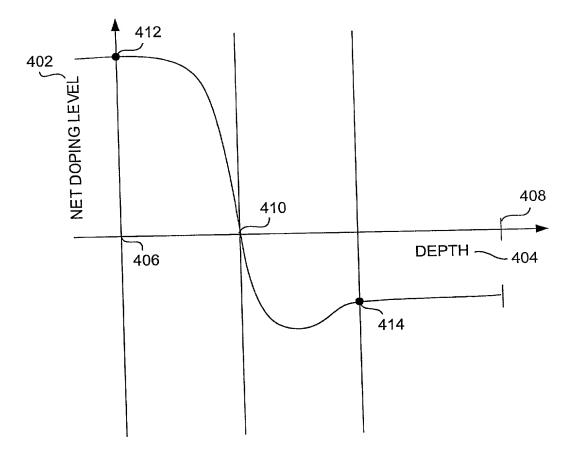


FIG. 4

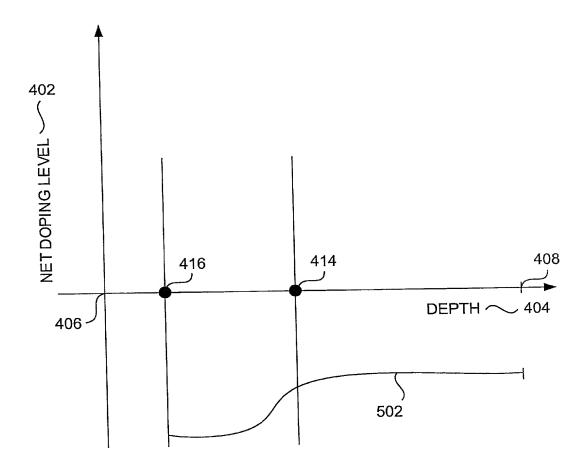


FIG. 5

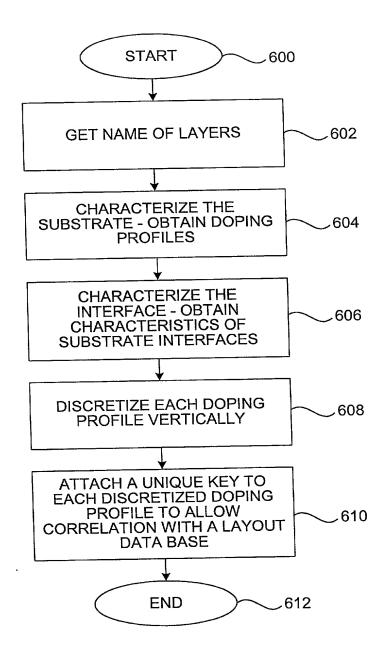
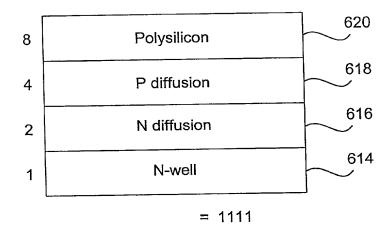


FIG. 6A



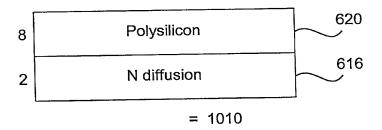


FIG. 6B

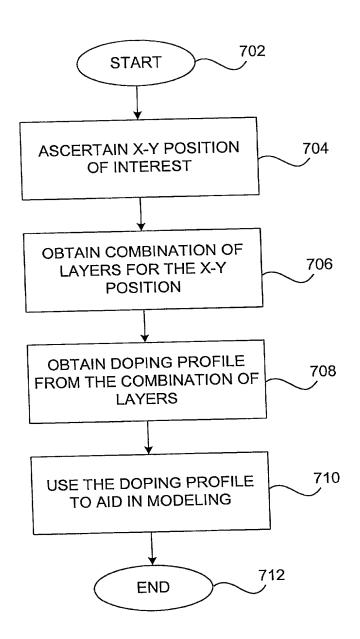


FIG. 7

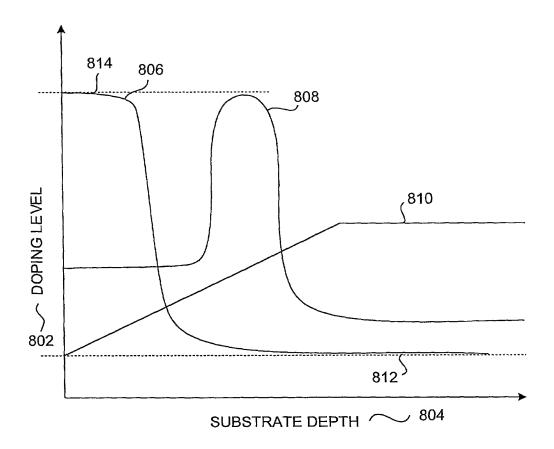


FIG. 8A

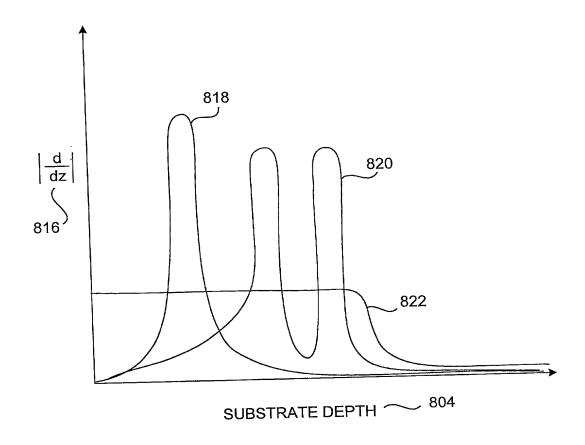


FIG. 8B

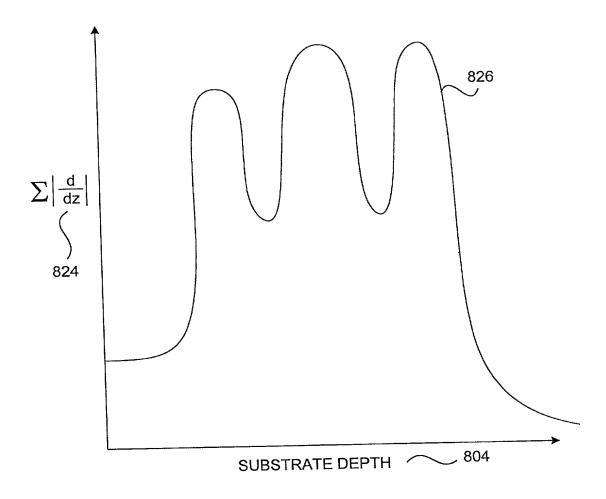


FIG. 8C

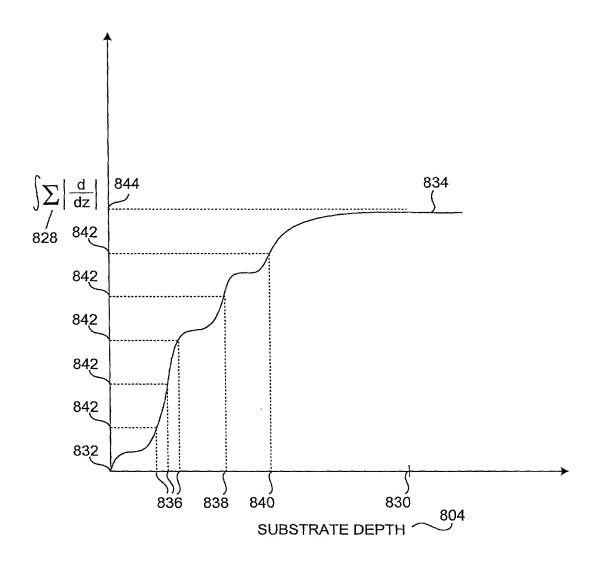


FIG. 8D

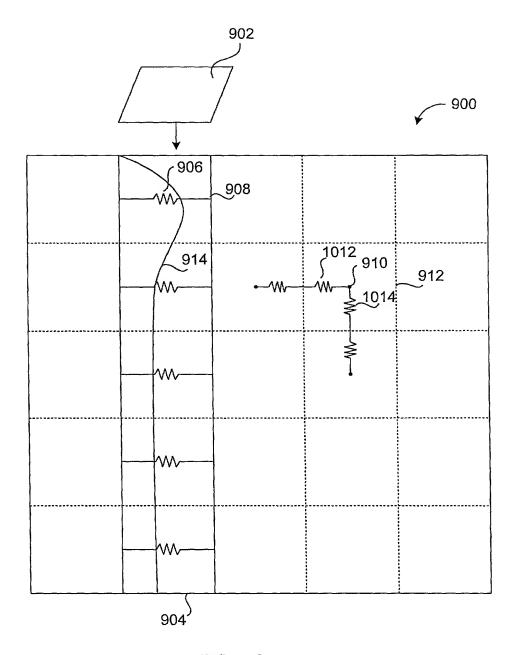


FIG. 9

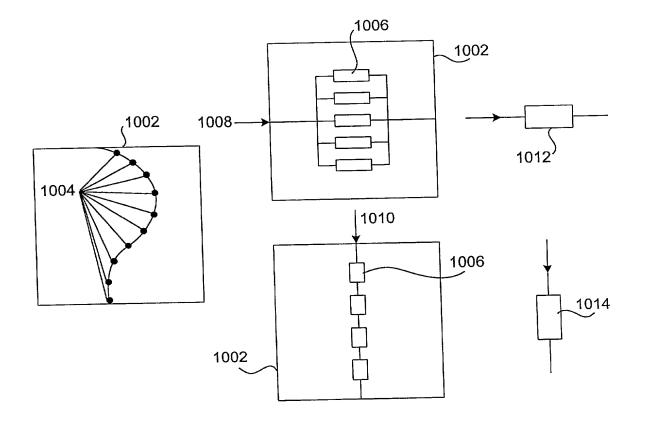


FIG. 10

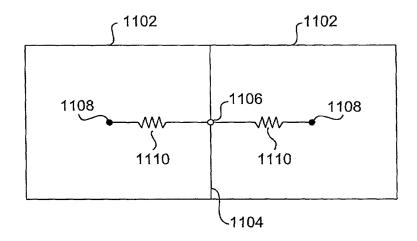


FIG. 11A

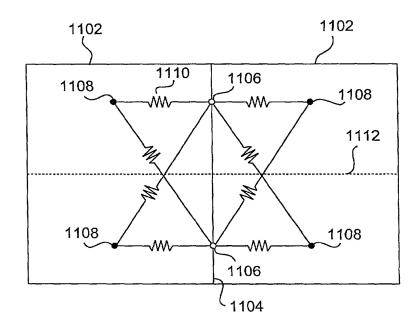
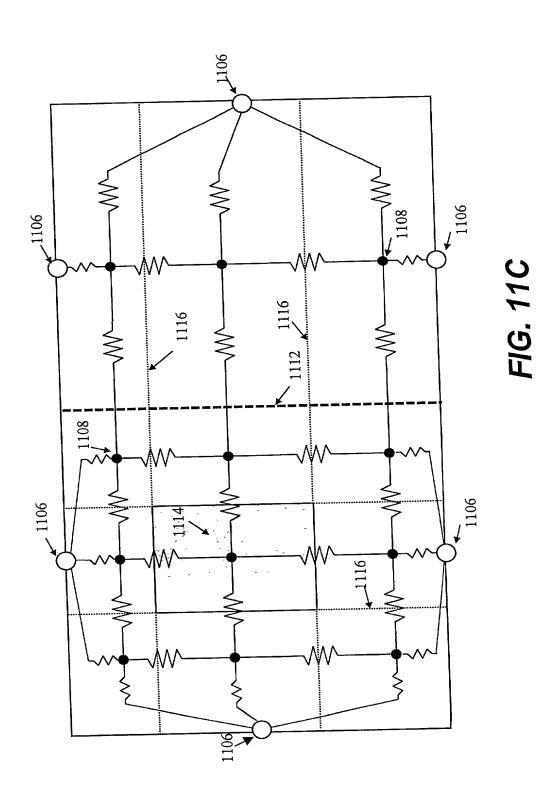


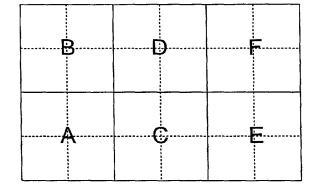
FIG. 11B

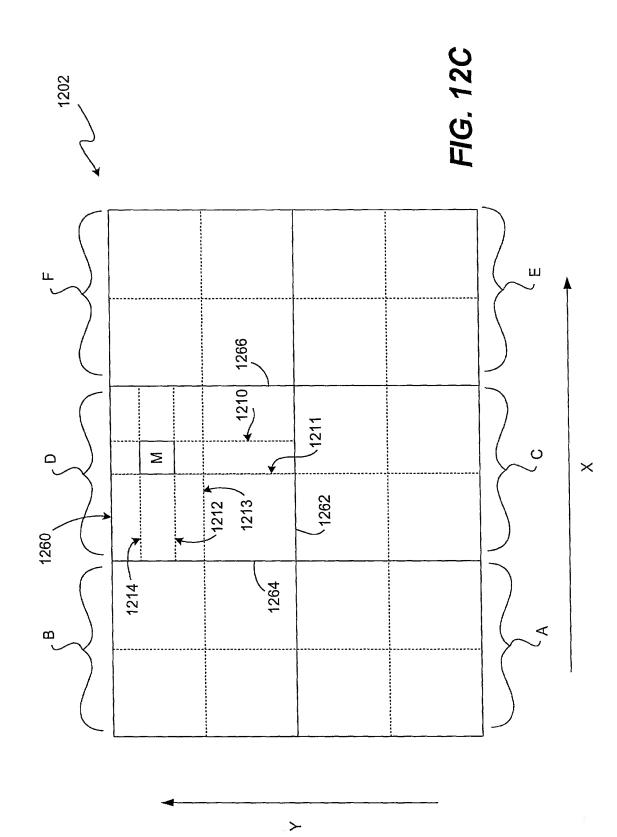


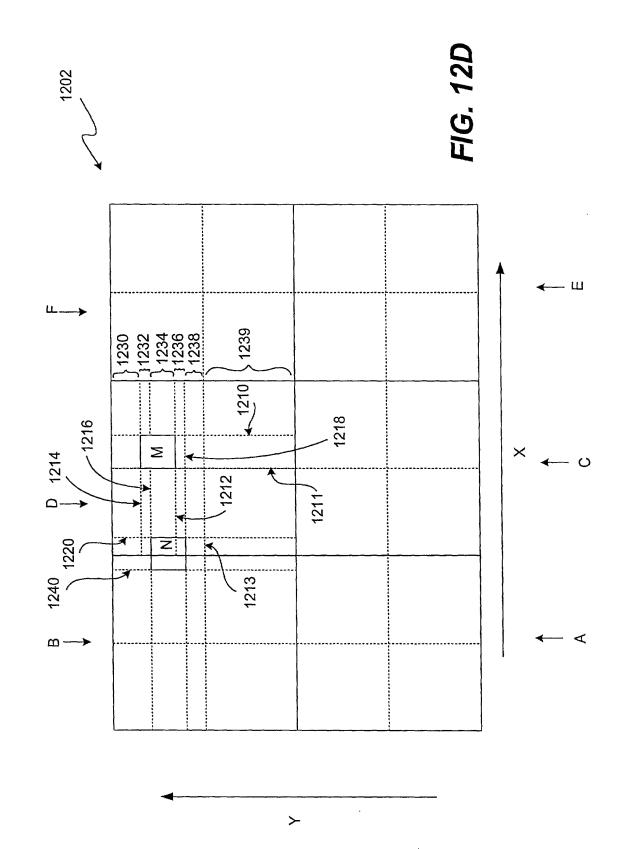


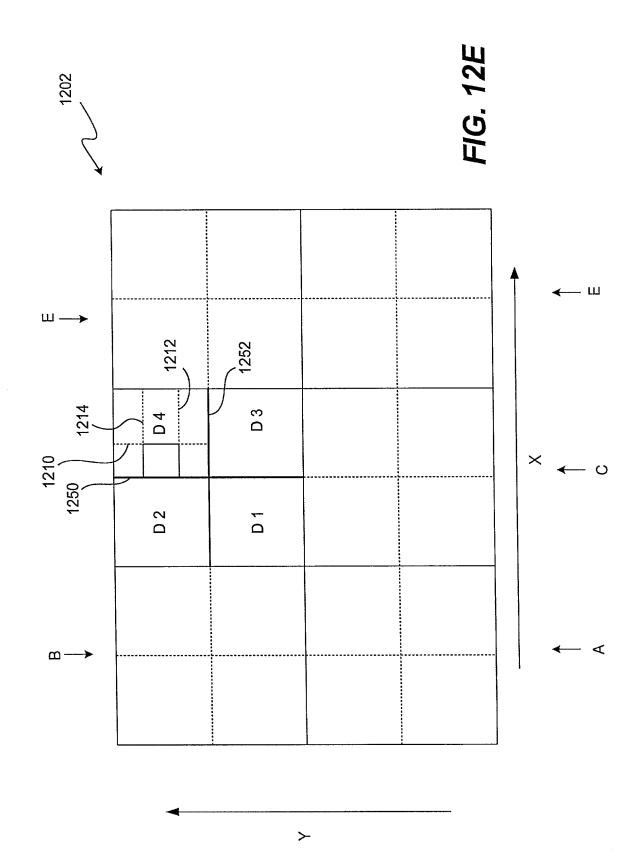
В	D	F
А	С	E

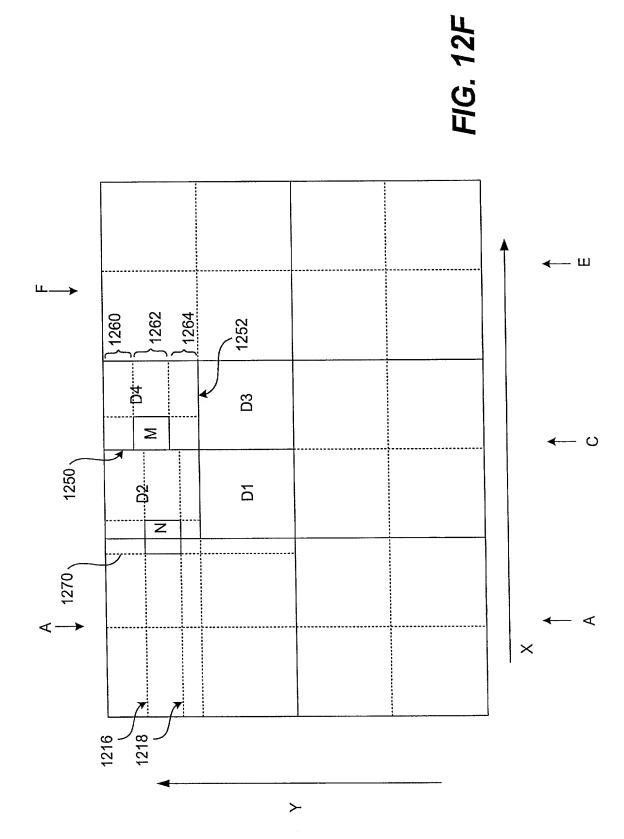
FIG. 12B











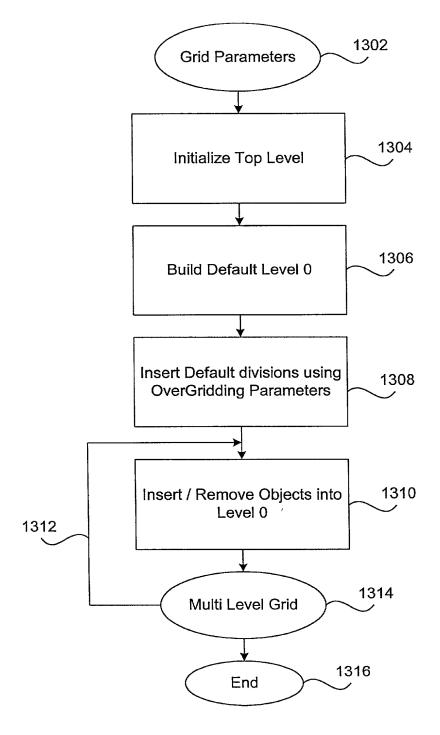


FIG. 13

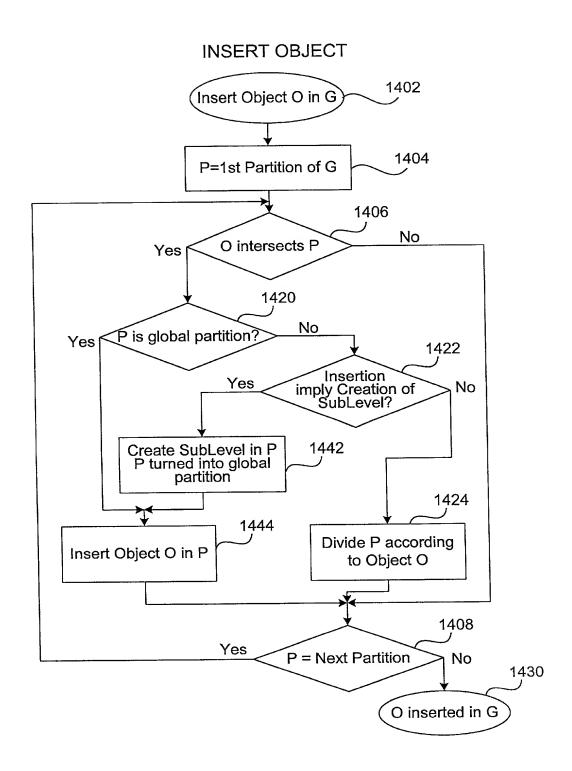


FIG. 14

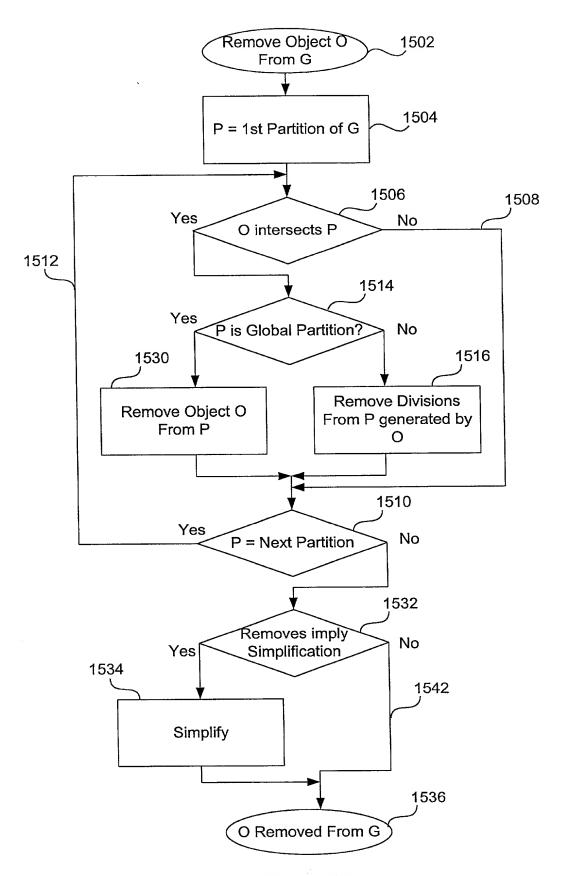


FIG. 15

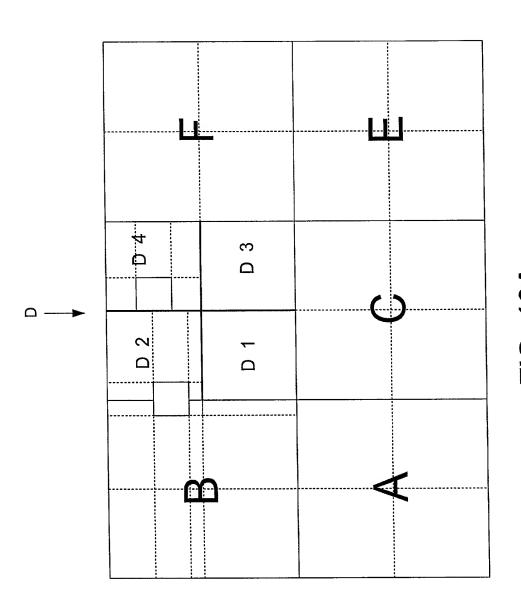


FIG. 16A

20

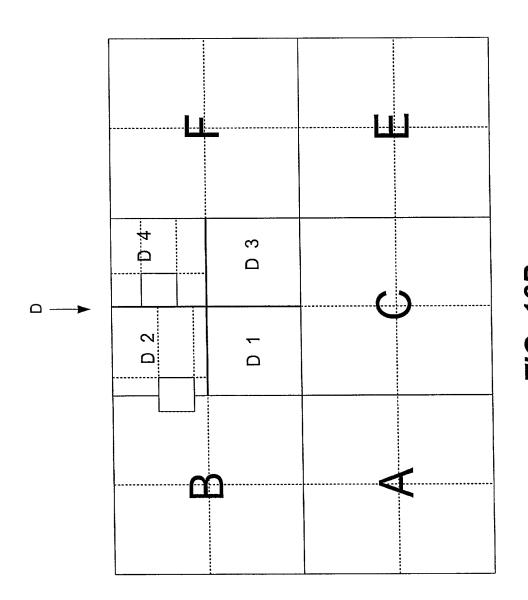


FIG. 16B

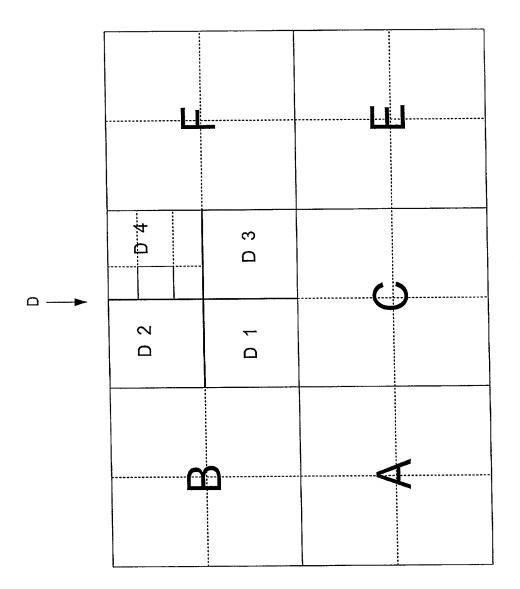


FIG. 16C

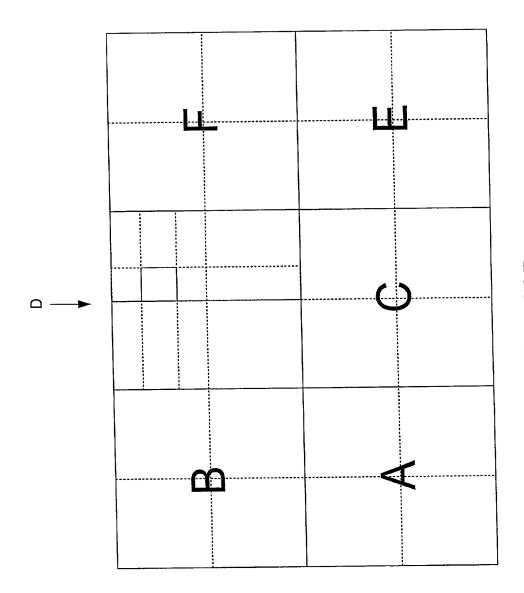
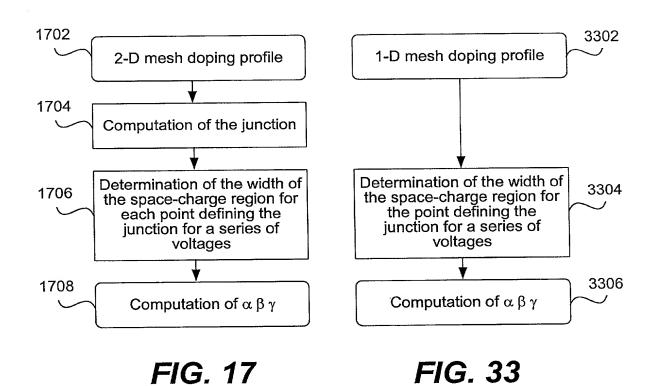


FIG. 16D



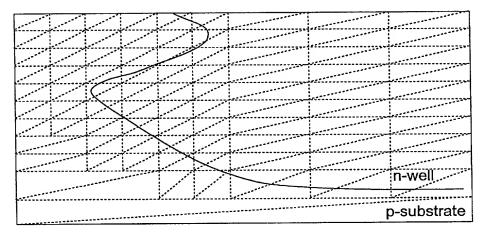


FIG. 18

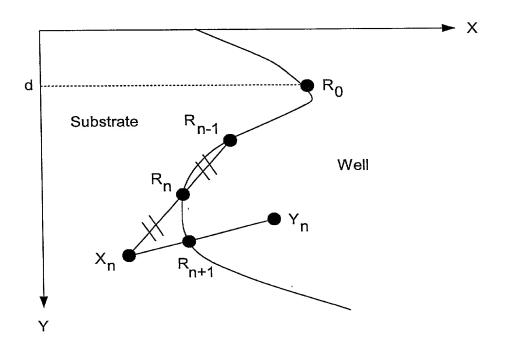


FIG. 19

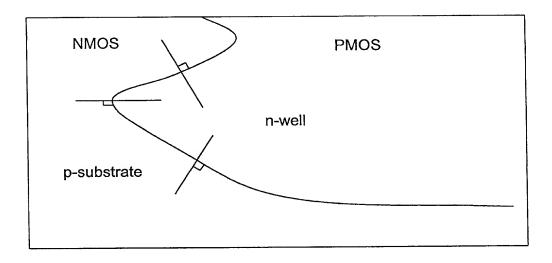


FIG. 20

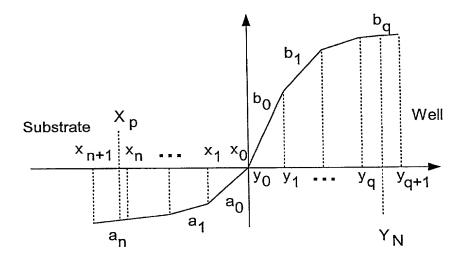
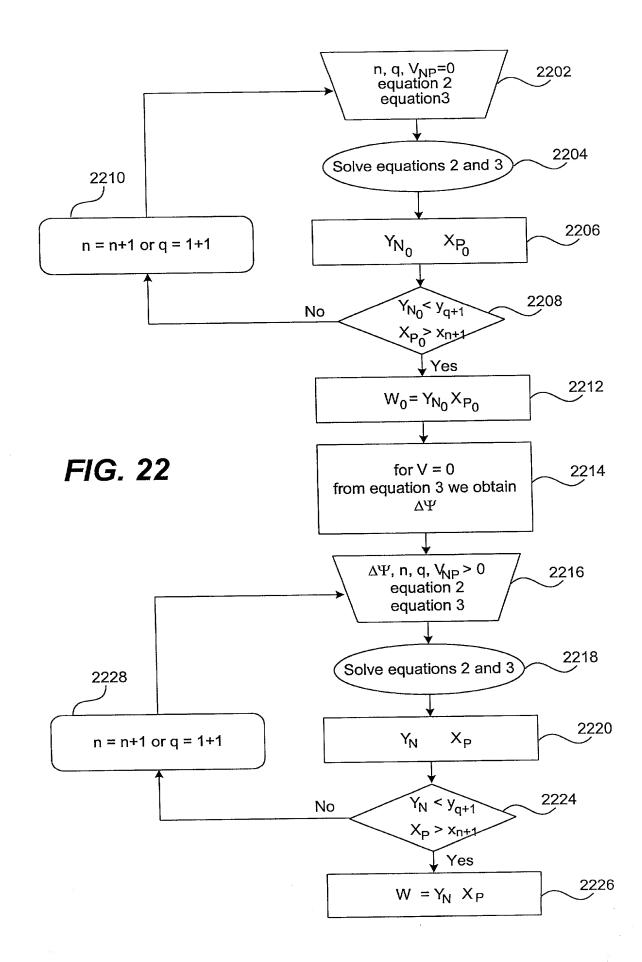


FIG. 21



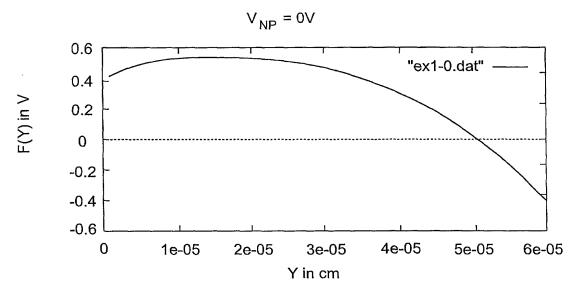


FIG. 23

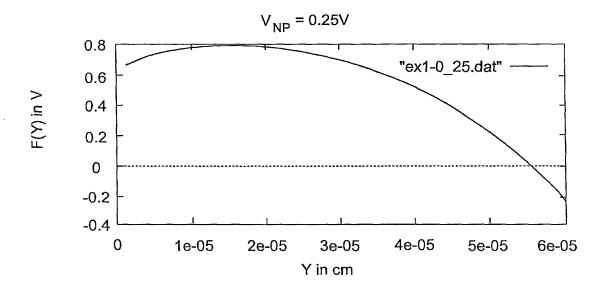


FIG. 24

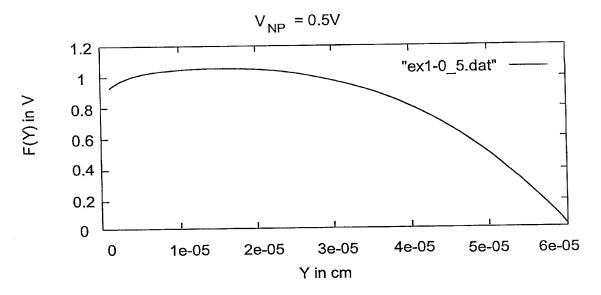


FIG. 25

4.94385 5.54958 6.03517 6.45595 6.82921	0.988713 1.10644 1.20334 1.28674
5.54958 6.03517 6.45595	1.10644 1.20334 1.28674
6.03517 6.45595	1.20334 1.28674
6.45595	1.28674
•	
0.02321	1.36053
7 160/1	1.42709
	1.48796
	1.54422
	1.59665
	1.64585
	1.69227
	1.73627
7 7 7	1.77815
	1.81815
	1.85646
	1.89325
	1.92866
	1.96282
	1.99583
	2.02778
10.164	2.02110
	6.82921 7.16941 7.46467 7.74643 8.00918 8.25618 8.49008 8.71313 8.91566 9.11547 9.30687 9.4907 9.66771 9.83856 10.0038 10.164

FIG. 26

V _{NP}	Y (1e ⁵ m)	Width (1e ⁻⁵ cm)
0	4.94385	0.988713
0.25	5.54958	1.10644
0.5	6.03517	1.20334
0.75	6.45595	1.28674
1 1	6.23005	1.223
1.25	6.74591	1.27459
1.5	7.16845	1.31685
1.75	7.55522	1.35552
2	7.91756	1.39176
2.25	8.26085	1.42608
2.5	8.58837	1.45884
2.75	8.90241	1.49024
3	9.20468	1.52047
3.25	9.49652	1.54965
3.5	9.77901	1.5779
3.75	10.053	1.6053
4	10.3193	1.63193
4.25	10.5786	1.65786
4.5	10.8313	1.68313
4.75	11.078	1.7078
1		

FIG. 27

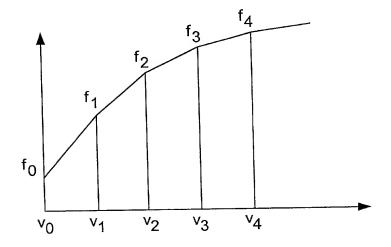
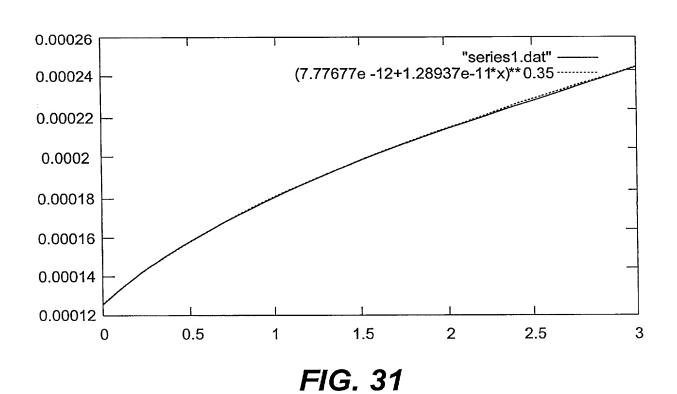


FIG. 28

V _{NP} (V)	width (cm)
0 0.25 0.5 1 1.5 2	0.000129354 0.000146124 0.000159855 0.000182128 0.000200235 0.00021574 0.000241808
α β γ e (α,β,γ)	7.77677e-12, 1.28937e-11 0.35 1.5978e-14

FIG. 29



V _{NP} (V)	width (cm)
0 0.25 0.5 1 1.5 2	0.000209707 0.000239053 0.000262844 0.000301435 0.000332609 0.000359377 0.000404536
α β γ e (α,β,γ)	6.05704e-11 1.05054e-10 0.36 2.31072e-13

FIG. 30

